

MC24: Simulations des colloïdes

Organisateurs : A. Videcoq & Y. Hallez

Vendredi 26 août – 8h30- 10h00

08:30 - 09:00 Enhanced dynamics of colloids controlled by local phase coexistence

INVITÉ **V. Dahirel**, J. Decayeux, P. Illien and M. Jardat

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09:00 - 09:15 Combining force inference and holographic microscopy to measure colloidal interactions

MC24-2 **F. Benedetti^a**, T. Sagahei^b, P. D. J. van Oostrum^b and E. Bianchi^{a,c}

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09:15 - 09:30 Coarse-grain shape dynamics for molecular simulation of soft colloids

MC24-3 **N. Martzel^a**, A. Dequidt^b, J. Devémy^b, R. Blaak^b, S. Garruchet^a, B. Latour^a, F. Goujon^b, E. Munch^a and P. Malfreyt^b

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09:30 - 09:45 Brownian Motion near a Soft Surface

MC24-4 **Y. Ye^{a,b}**, Y. Amarouchene^a, D. Dean^a and T. Salez^a

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09:45 - 10:00 Control of the shape of few-particles clusters with external fields using Dynamic Programming and Reinforcement Learning

MC24-5 **O. Pierre-Louis**, F. Boccardo and Y. Benamara

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MC24-6

Simulations of anisotropic colloids

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MC24-7

An example of a simulation technique for colloids with hydrodynamic interactions

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MC24-8

SRD-MD simulations of colloidal suspensions in confined environments

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